**Snowstorm countermeasures for highways in Hokkaido**

**Template 2：**for short version abstract (1-2pages).

Please assume the Proceedings will be opened on HP in the future.

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**- Snowbreak forest in Okhotsk Area -**

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**ABSTRACT**

**Introduction**

Hokkaido is designated as a snowy cold region, and the Okhotsk Area has particularly severe weather in winter. In recent years, ..............................

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**Observation method**

Low-pressure systems that bring heavy snowfall and snowstorms to Hokkaido have various characteristics, depending on their paths (Kawamura and others, 2007).

There are three major types of low-pressure systems: 1) a low-pressure system .........................................

Observation area is shown in Fig. 1 (Takahashi and Kosugi, 2010).

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Map of observation area

(or observation scenery and so on)

Fig. 1 Map of observation area.

**Results**

This paper has explained road traffic disruption in the Okhotsk Area, which has particularly...........

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**References**

Kawamura, K., F. Parennin and 16 others (2007): Northern hemisphere forcing of climatic cycles in Antarctica over the past 360,000 years. *Nature*, **448**, 912-916.

Takahashi, S. and T. Kosugi (2010): Sea-ice extent variations along the Okhotsk coast of Hokkaido and Shiretoko Peninsula’s ‘Dam Effect’ against sea ice flow. *Proc. 25th Intnatl. Symp. on Okhotsk Sea & Sea Ice*, Mombetsu, Japan, **25**, 25-28.

(If possible)

**Summary in Japanese**

1760年前後のオランダ捕鯨船による

北極域の気象学的・地理学的観測

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5首都大学東京

捕鯨とニシン漁業は、オランダ黄金時代（1600-1800）の主要な経済活動の担い手であった。.........

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